



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

oil or injector
well compl. form

FORM OGC 3

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR D.E. Exploration, Inc. DATE 06/01/99
ADDRESS PO Box 128 CITY Wellsville, STATE KS ZIP CODE 66092

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE Belton Unit WELL NUMBER R-2 ELEVATION (GROUND) 1051.55

WELL LOCATION (GIVE FOOTAGE FROM SECTION LINE)

WELL LOCATION 1560 FT. FROM (N)(S) SECTION LINE 3740 FEET FROM (E)(W) SECTION LINE
SECTION SE 1/4 09 TOWNSHIP 46N RANGE 33W COUNTY Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 660 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED — FOR WELL ON THE SAME LEASE 440 FEET

PROPOSED DEPTH 700' DRILLING CONTRACTOR, NAME AND ADDRESS Hughes Drilling Co. ROTARY OR CABLE TOOLS Rotary APPROX. DATE WORK WILL START 06/04/99

NUMBER OF ACRES IN LEASE 0 NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 28
NUMBER OF ABANDONED WELLS ON LEASE 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME Western Engineering Dave Stallings NO OF WELLS PRODUCING 20
ADDRESS _____ INJECTION 7
INACTIVE 15
ABANDONED 0

STATUS OF BOND ☐ SINGLE WELL AMOUNT \$ ☐ BLANKET BOND AMOUNT \$ 20,000.00 ☒ ON FILE ☐ ATTACHED

REMARKS (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED.)

PROPOSED CASING PROGRAM

AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
650'	4 1/2"	650	115scks	"	"	"	"

APPROVED CASING — TO BE FILLED IN BY STATE GEOLOGIST

I, the undersigned, state that I am the President of the D.E. Exploration, Inc.

(company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE Hughes G. Evans DATE 06-01-99

PERMIT NUMBER 20672 ☒ DRILLER'S LOG REQUIRED ☒ E-LOGS REQUIRED IF RUN

APPROVAL DATE 6/7/99 ☒ CORE ANALYSIS REQUIRED IF RUN ☒ DRILL STEM TEST INFO. REQUIRED IF RUN

APPROVED BY James H. Williams ☐ SAMPLES REQUIRED ☒ SAMPLES NOT REQUIRED

NOTE ▶ THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, _____ of the _____ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DIRECTOR'S SIGNATURE _____ DATE _____



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

FORM OCC-4

OWNER

D.E.Exploration, Inc.

LEASE NAME

Belton Unit

COUNTY

Cass

4670 FEET FROM S SECTION LINE AND 2970 FEET FROM E SECTION LINE OF SEC. 09, TWP 46, N. RANGE 33W



SCALE
XXXXXX

1 square = 880'

R-2

R-1

REMARKS

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

(SEAL)

REMIT TWO (2) COPIES TO:
MISSOURI OIL AND GAS COUNCIL
P.O. BOX 250, ROLLA, MO 65401

REGISTERED LAND SURVEYOR

NUMBER



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

RECEIVED

APR 17 2000

Form OGC-5

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☐ OIL ☐ GAS ☐ DRY

OWNER D.E. Exploration, Inc.		ADDRESS PO Box 128 Wellsville, KS 66092	
LEASE NAME Belton Unit		WELL NUMBER R-2	
LOCATION 1560 N. Section line-3740 E. section line		SEC. TWP. AND RANGE OR BLOCK AND SURVEY SE $\frac{1}{4}$ 09 46N 33W	
COUNTY Cass	PERMIT NUMBER (OGC-3 OR OGC-31) 20672		
DATE SPUDDED 06/04/99	DATE TOTAL DEPTH REACHED 06/10/99	DATE COMPLETED READY TO PRODUCE OR INJECT 04/01/00	ELEVATION (DF, RKR, RT, OR Gr.) FEET
TOTAL DEPTH 904	PLUG BACK TOTAL DEPTH NA		
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION producing		ROTARY TOOLS USED (INTERVAL) top TO bottom	CABLE TOOLS USED (INTERVAL) NA
WAS THIS WELL DIRECTIONALLY DRILLED? No	WAS DIRECTIONAL SURVEY MADE? No	DRILLING FLUID USED freshwater	DATE FILED 03/13/00
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) Gamma Ray			DATE FILED 03/13/00

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
surface	12"	8 5/8		40.70'	9sks	
prod.	6 1/4"	5 1/8		904'	120sks	

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
NA	NA	NA	NA	NA	NA	NA	NA
IN.	FEET	FEET	INCH	FEET	FEET		FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
2	3 1/8JTX	578-585	20/40 frac sand	

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP)					
DATE OF TEST NA	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST bbls.	GAS PRODUCED DURING TEST MCF		WATER PRODUCED DURING TEST bbls.	OIL GRAVITY API (CORR)
TUBING PRESSURE 50#	CASING PRESSURE 100#	CALC'D RATE OF PRODUCTION PER 24 HOURS 2	OIL 1 bbls.	GAS MCF	WATER 1 bbls.	GAS OIL RATIO	

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)
held in with back pressure valve

METHOD OF DISPOSAL OF MUD PIT CONTENTS
air dried-backhoe filled

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE President OF THE D.E. Exploration, Inc. COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE

DATE
04-06-00

SIGNATURE
Douglas G. ...

CONTRACTOR

6/4/99-6/10/99

OPERATOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

RECEIVED

D. E. Exploration, Inc
P. O. Box 128
Wellsville, Kansas 66092

LOG APR 17 2000

Belton Unit
Well # R-2
MO Oil & Gas Council

API #

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Soil	2	4	Shale	420
5	Clay	7	5	Lime	425
34	Lime	41	7	Shale	432
23	Shale	64		(Slate 425-426)	
11	Lime	75	6	Lime	438
6	Shale	81	3	Shale	441
11	Red Bed	92	3	Brown Sand	444
4	Shale	96		(Solid 442-444)	
5	Lime	101		(Rainbow)	
27	Shale	128	3	Oil Sand	447
	(Slate 101-103)			(Solid 444-446)	
5	Gray Sand	133		(Bleeding oil)	
4	Sdy. Lime	137	13	Shale	460
22	Shale	159	5	Lime	465
31	Lime 30'	190	62	Shale	527
7	Shale	197		(Slate 465-466)	
19	Lime 20'	216	4	Sdy. Shale	531
5	Shale	221		(Some Gray Sand)	
	(Slate 220-221)		6	Sdy. Shale	537
2	Lime	223		(Thin strips of brown sand)	
2	Shale	225	1.5	Brk. Sand	538.5
7	Lime "HERTHA"	232	.5	Shale	539
40	Shale	272	1	Sdy. Lime	540
	(Brk. 236-239)		1	Sdy. Shale	541
4	Gray Sand	276	5	Sdy. Shale	546
	("KNOBTOWN")			(with a few 3" strips of sand)	
	(Lamin.w/Shale)		1	Sdy. Shale	547
65	Shale	341	2	Sdy. Lime	549
6	Gray Sand	347	1.5	Sdy. Shale	550.5
27	Shale	374	2.5	Brk. Sand	553
	(Slate 372-373)		1.5	Sdy. Shale	554.5
4	Lt. Shale	378	2.5	Hard Gray Sand	557
28	Shale	406	13	Shale	570
3	Red Bed	409	2	Lime	572
3	Shale	412	53	Shale	625
4	Lime	416			

CONTRACTOR

HUGHES DRILLING COMPANY
122 NORTH MAIN
WELLSVILLE, KANSAS 66092

RECEIVED

APR 17 2000

MO Oil & Gas Council
LOG

Belton Unit
Well # R-2
cont.

OPERATOR

D. E. Exploration, Inc.
P. O. Box 128
Wellsville, Kansas 66092

API #

STRATA THICKNESS	FORMATION DRILLED	T.D.	STRATA THICKNESS	FORMATION DRILLED	T.D.
2	Lime	627	6/4/99-6/10/99		
66	Shale	693	Drilled 904' of hole		
1	Lime	694	0-635'---6 $\frac{1}{4}$ " hole.		
29	Shale	723	635'-904'--5 1/8" hole.		
9	Lt. Gray Sand (Solid)	732	6/4/99		
10	Shale	742	Set 40.70' of 8 5/8" surface pipe		
12	Dark Shale	754	Cemented in with 9 sacks cement.		
7	Shale	761	6/9/99		
1	Lime	762	Cored Squirrel Zone--4 cores.		
3	Lt. Gray Sand	765			
16	Very Sdy. Shale	781	6/10/99		
21	Shale	802	Set 610.85' of 4 $\frac{1}{2}$ " pipe.		
4	Lt. Gray Sand (Medium to fine sand)	806	Used 3 centralizers.		
28	Shale	834	Float shoe on bottom.		
23	Very Sdy. Shale	857			
11	Lite Gray Sand (Solid) (Med. to coarse sand)	868			
23	Shale (Sdy.)	891			
11	Lt. Gray Sand (Lamin.w/shale)	902			
2	Lime	904T.D.			